

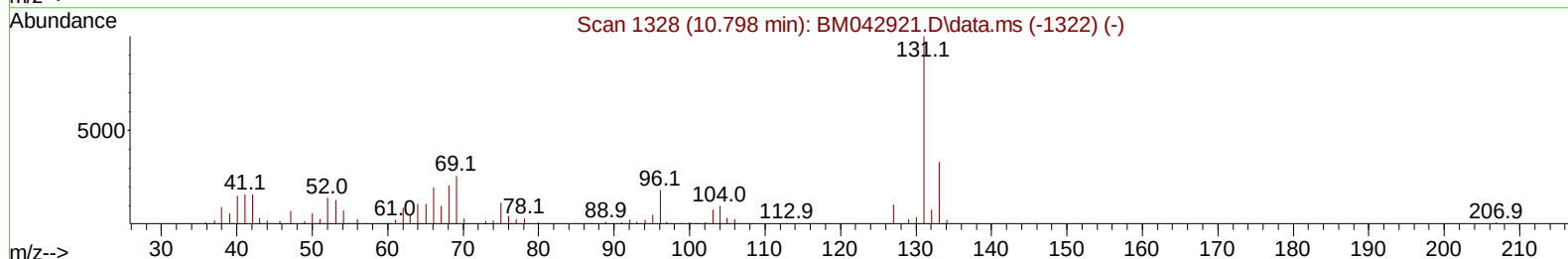
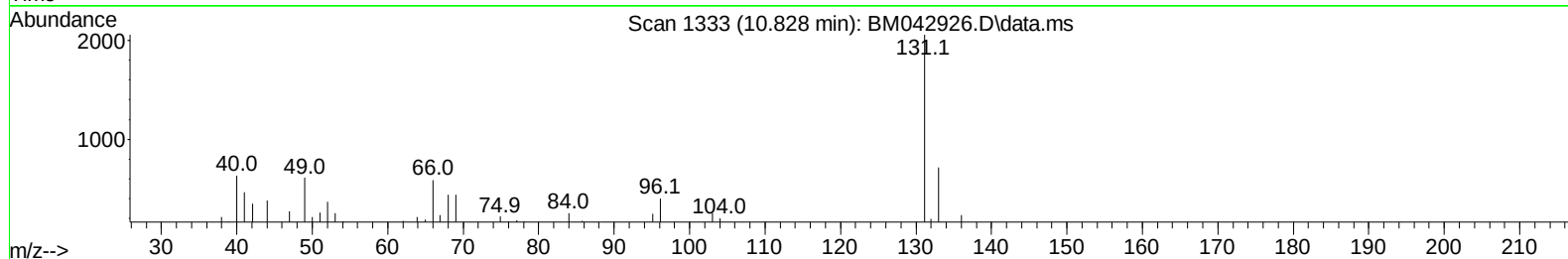
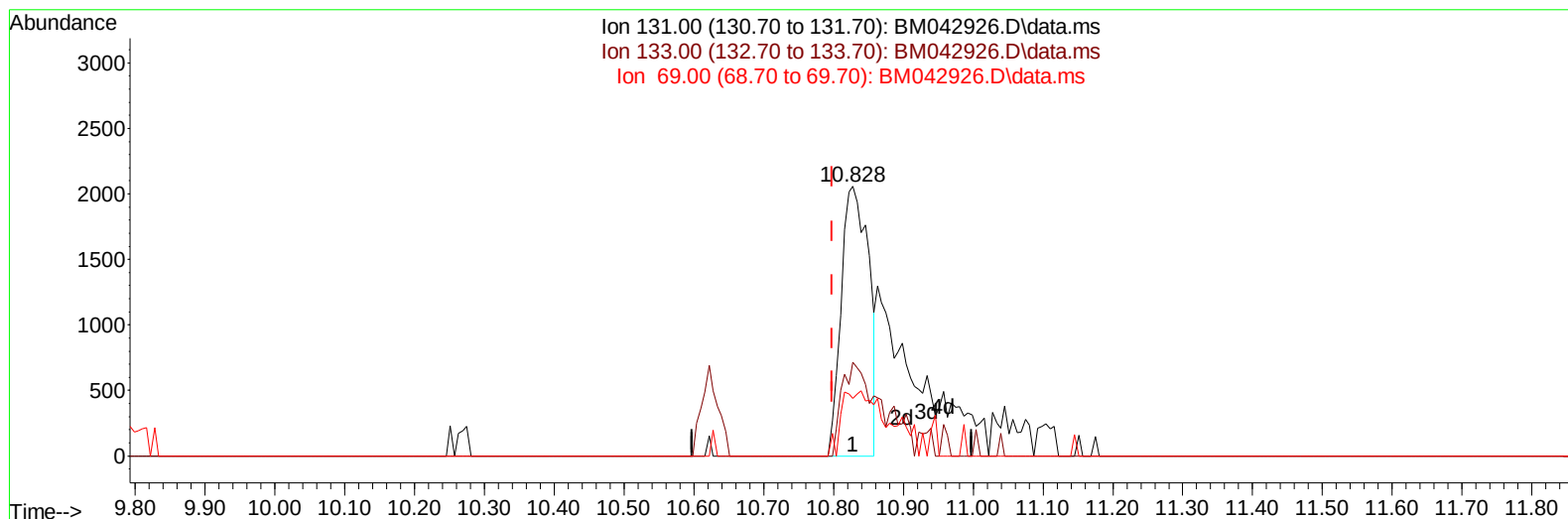
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112023\
 Data File : BM042926.D
 Acq On : 20 Nov 2023 13:54
 Operator : MA/JU
 Sample : 05174-19
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AN6

Manual IntegrationsAPPROVED

Quant Time: Nov 20 22:56:56 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM11323.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Nov 18 22:06:09 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/21/2023
 Supervised By :mohammad ahmed 11/21/2023



TIC: BM042926.D\data.ms

(31) 4-Chloroaniline-d4 (S)

10.828min (+ 0.030) 1.80 ng/ul

response 5572

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	33.00	34.76
69.00	23.40	21.29
0.00	0.00	0.00

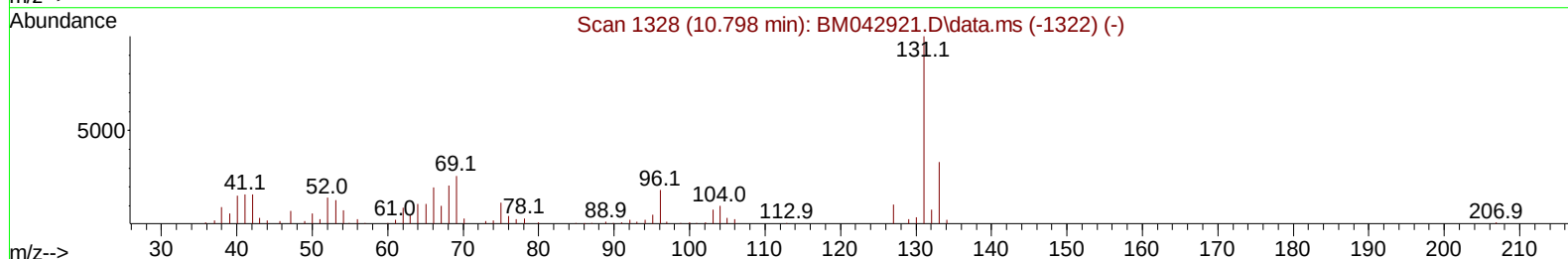
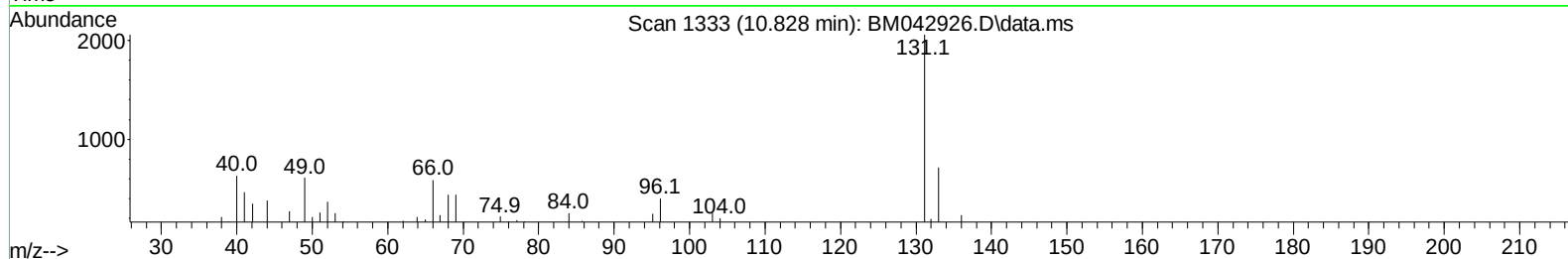
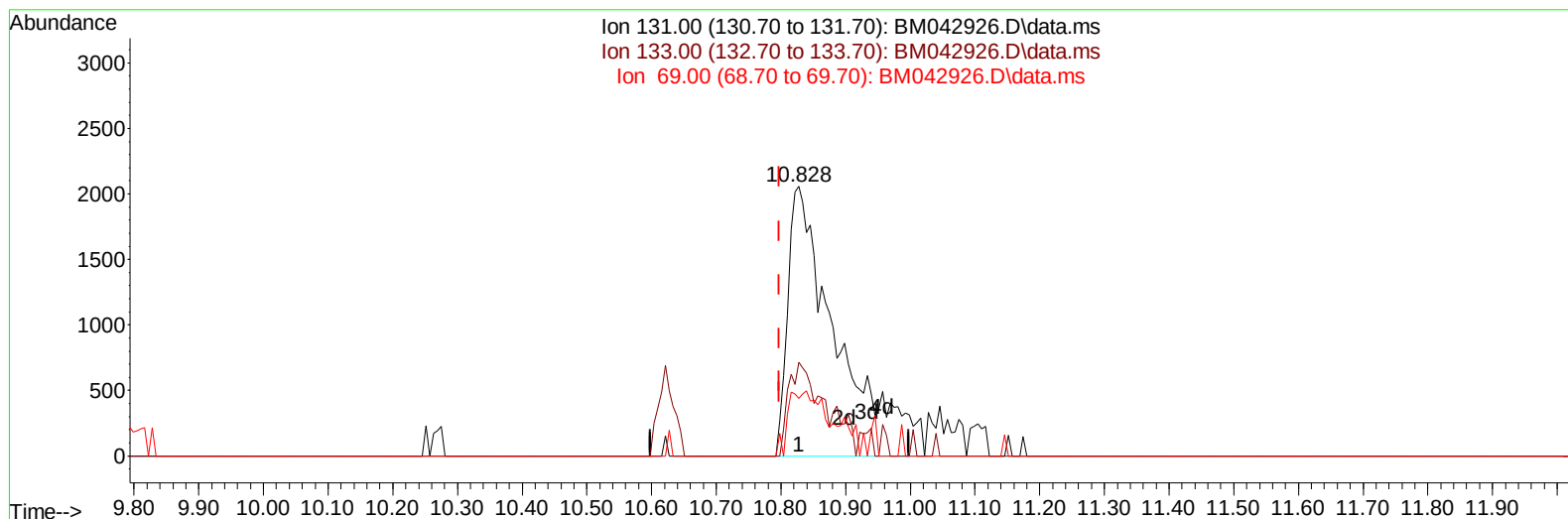
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112023\
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Instrument :
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Reviewed By :Yogesh Patel 11/21/2023
 Supervised By :mohammad ahmed 11/21/2023



TIC: BM042926.D\data.ms

(31) 4-Chloroaniline-d4 (S)

10.828min (+ 0.030) 3.52 ng/ul m

response 10927

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	33.00	34.76
69.00	23.40	21.29
0.00	0.00	0.00

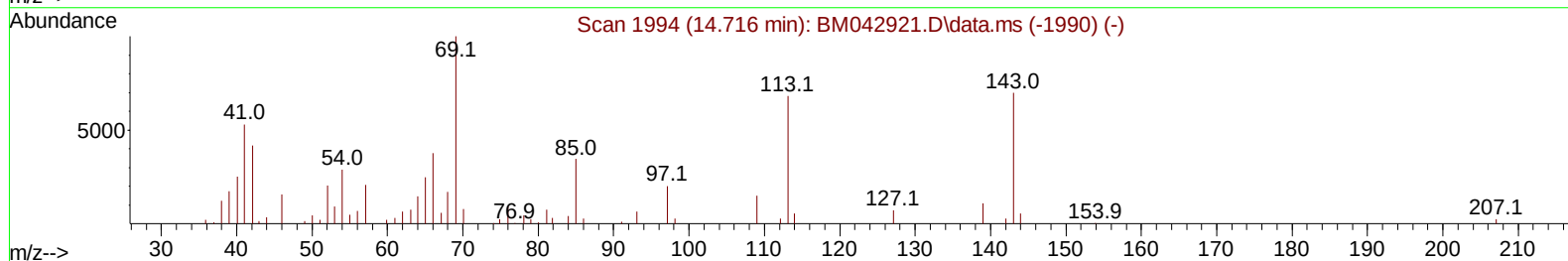
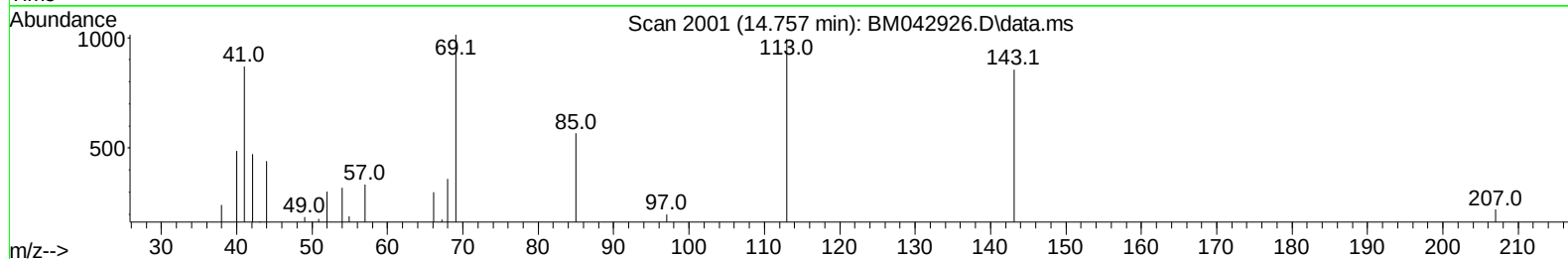
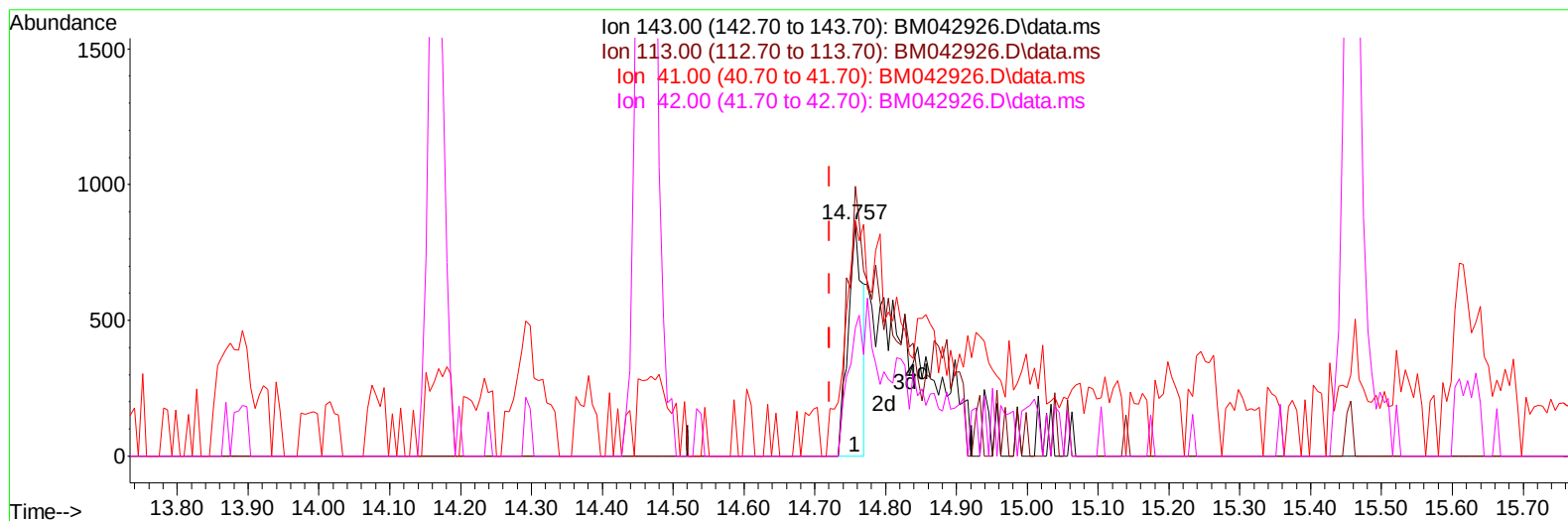
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112023\
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Acq On : 20 Nov 2023 13:54
Operator : MA/JU
Sample : 05174-19
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Reviewed By :Yogesh Patel 11/21/2023
Supervised By :mohammad ahmed 11/21/2023



TIC: BM042926.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.757min (+ 0.036) 1.35 ng/ul

response 1184

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	110.80	116.14
41.00	73.50	101.75#
42.00	48.00	55.20

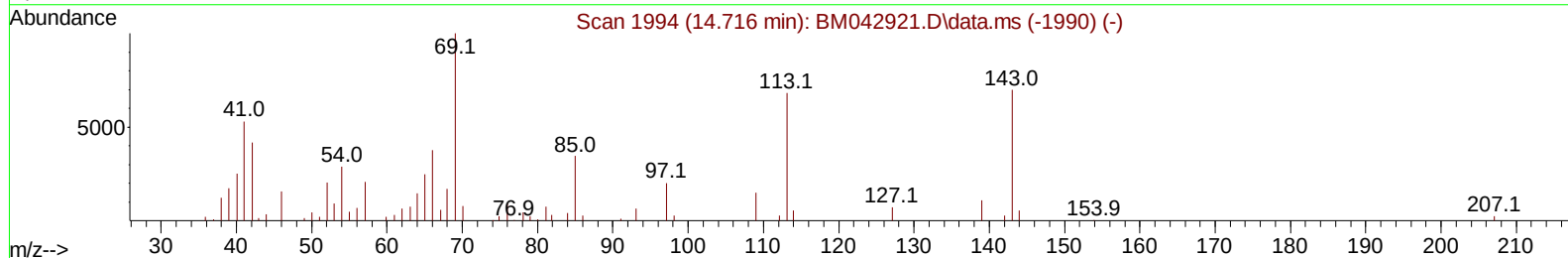
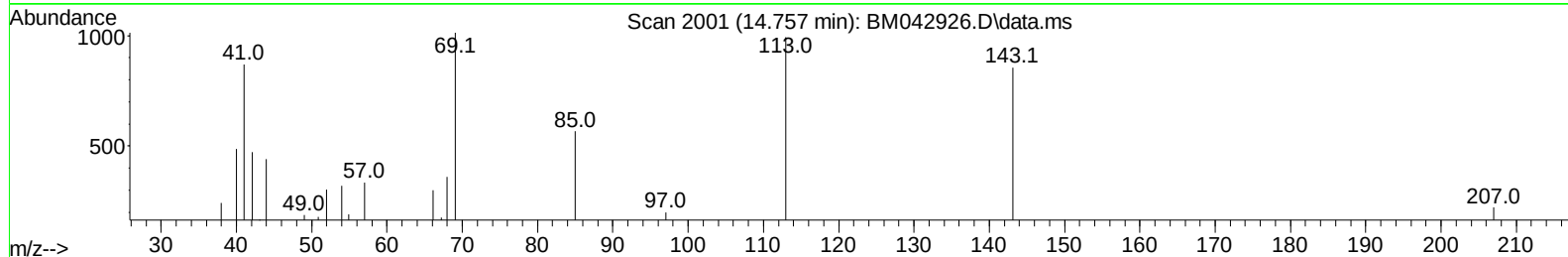
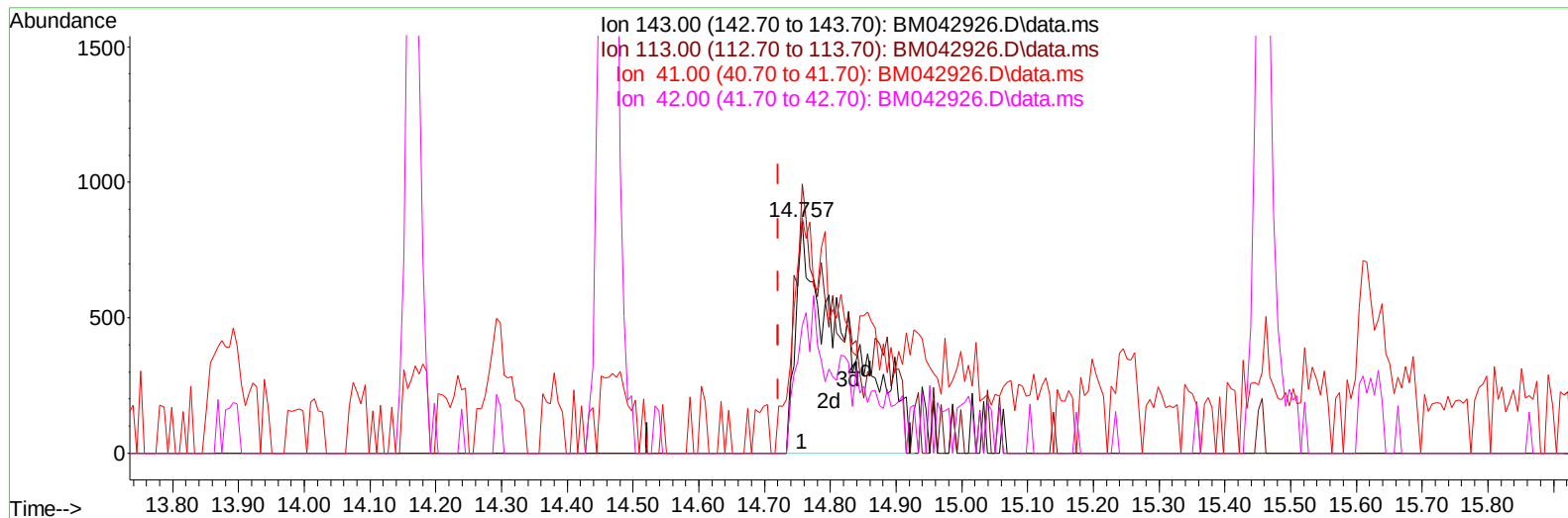
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112023\
Data File : BM042926.D
Acq On : 20 Nov 2023 13:54
Operator : MA/JU
Sample : 05174-19
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
COAN6

Manual IntegrationsAPPROVED

Quant Time: Nov 20 22:56:56 2023
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Quant Title : SVOA CALIBRATION
QLast Update : Sat Nov 18 22:06:09 2023
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Supervised By :mohammad ahmed 11/21/2023



TIC: BM042926.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.757min (+ 0.036) 5.05 ng/ul m

response 4448

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	110.80	116.14
41.00	73.50	101.75#
42.00	48.00	55.20

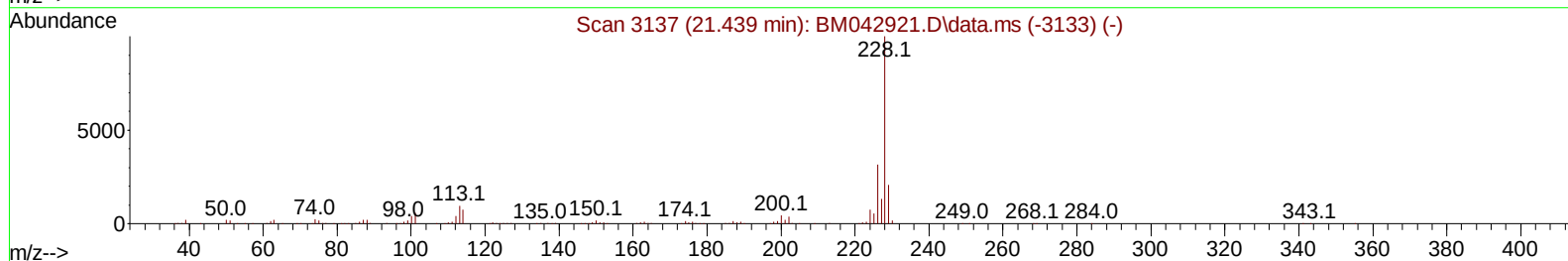
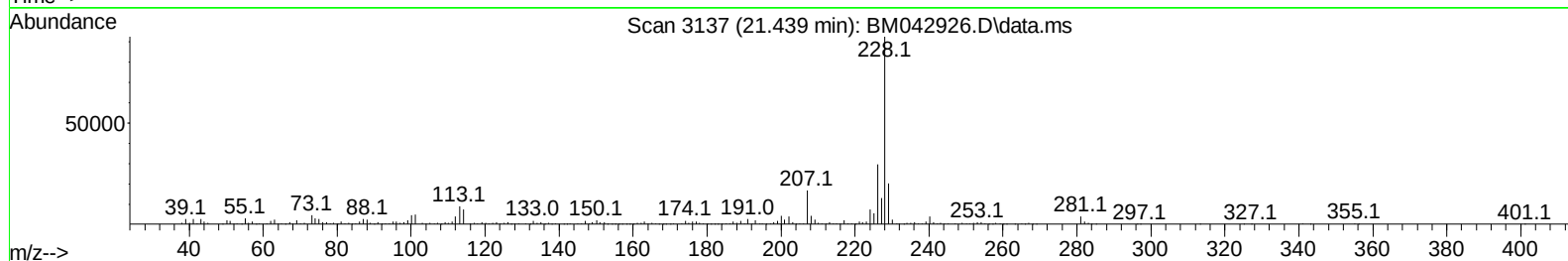
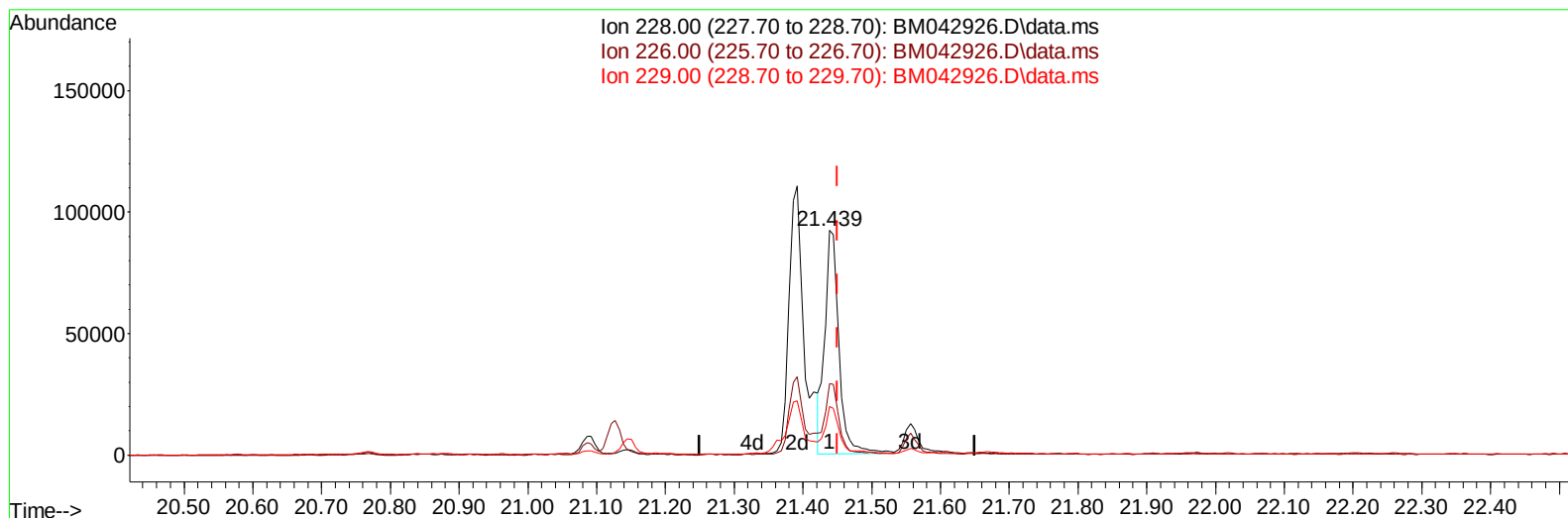
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112023\
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 Acq On : 20 Nov 2023 13:54
 Operator : MA/JU
 Sample : 05174-19
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 C0AN6

Manual IntegrationsAPPROVED

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Reviewed By :Yogesh Patel 11/21/2023
 Supervised By :mohammad ahmed 11/21/2023



TIC: BM042926.D\data.ms

(87) Chrysene

21.439min (-0.012) 8.02 ng/u1

response 131030

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.40	31.87
229.00	19.60	21.71
0.00	0.00	0.00

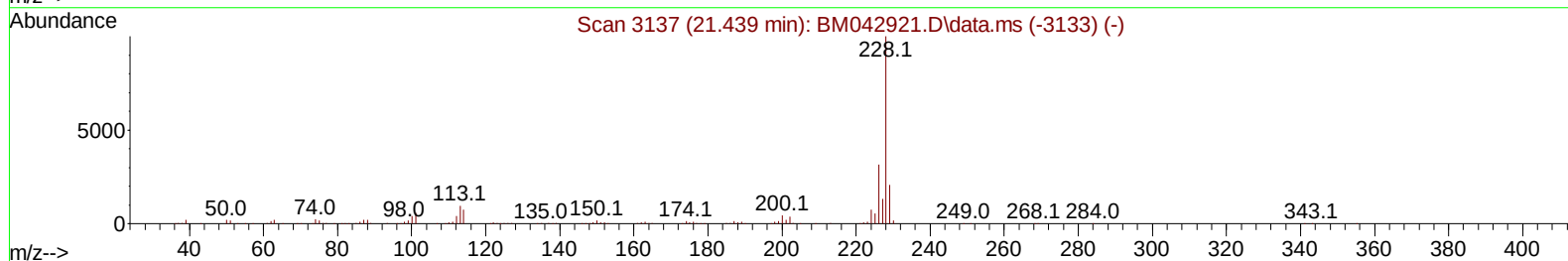
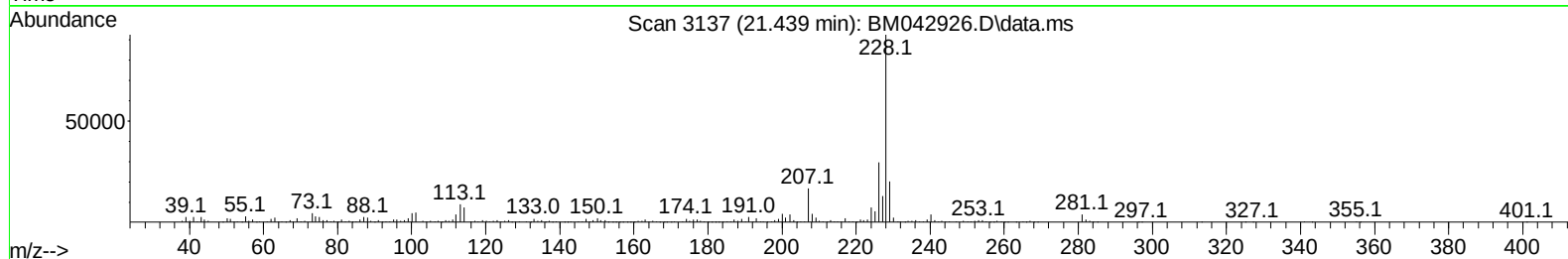
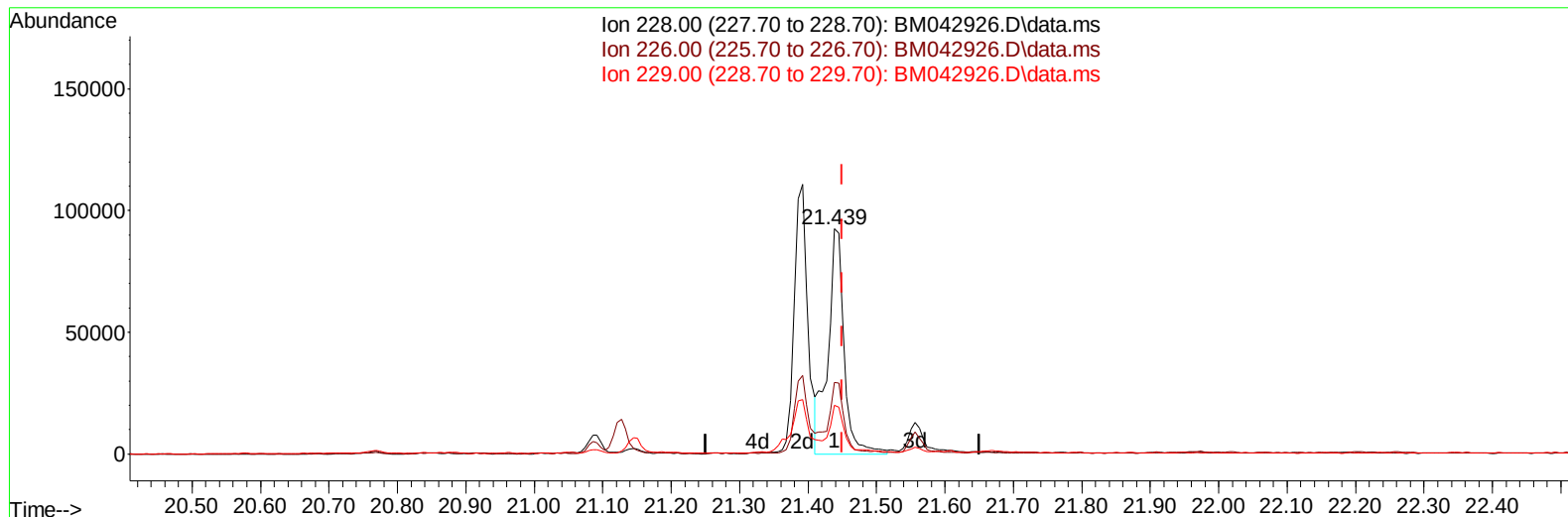
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112023\
 Data File : BM042926.D
 Acq On : 20 Nov 2023 13:54
 Operator : MA/JU
 Sample : 05174-19
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AN6

Manual IntegrationsAPPROVED

Quant Time: Nov 20 22:56:56 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM11323.MA.M
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 QLast Update : Sat Nov 18 22:06:09 2023
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Reviewed By :Yogesh Patel 11/21/2023
 Supervised By :mohammad ahmed 11/21/2023



TIC: BM042926.D\data.ms

(87) Chrysene

21.439min (-0.012) 9.36 ng/ul m

response 152801

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.40	31.87
229.00	19.60	21.71
0.00	0.00	0.00

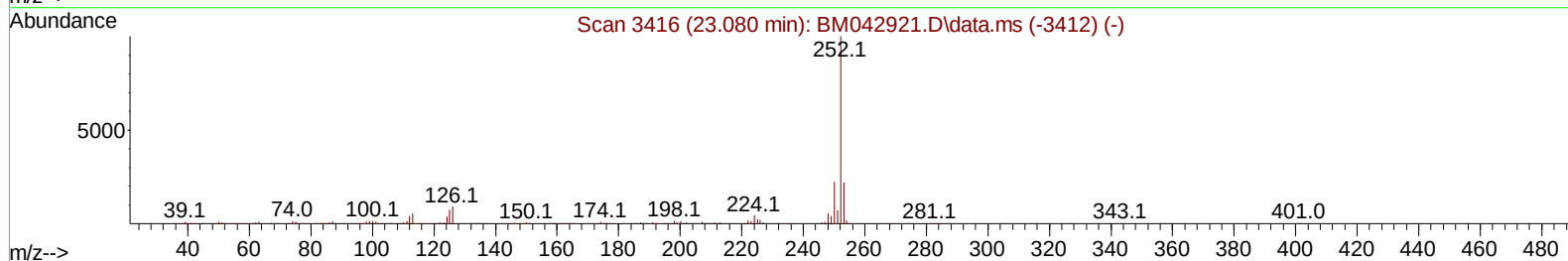
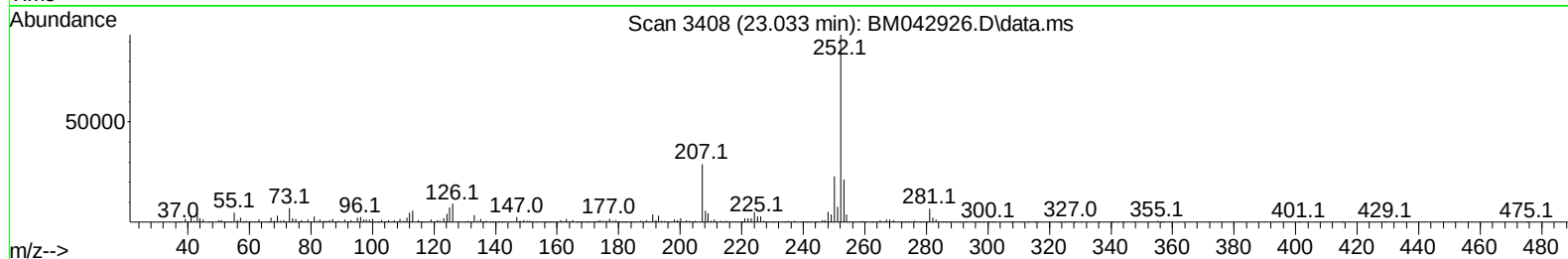
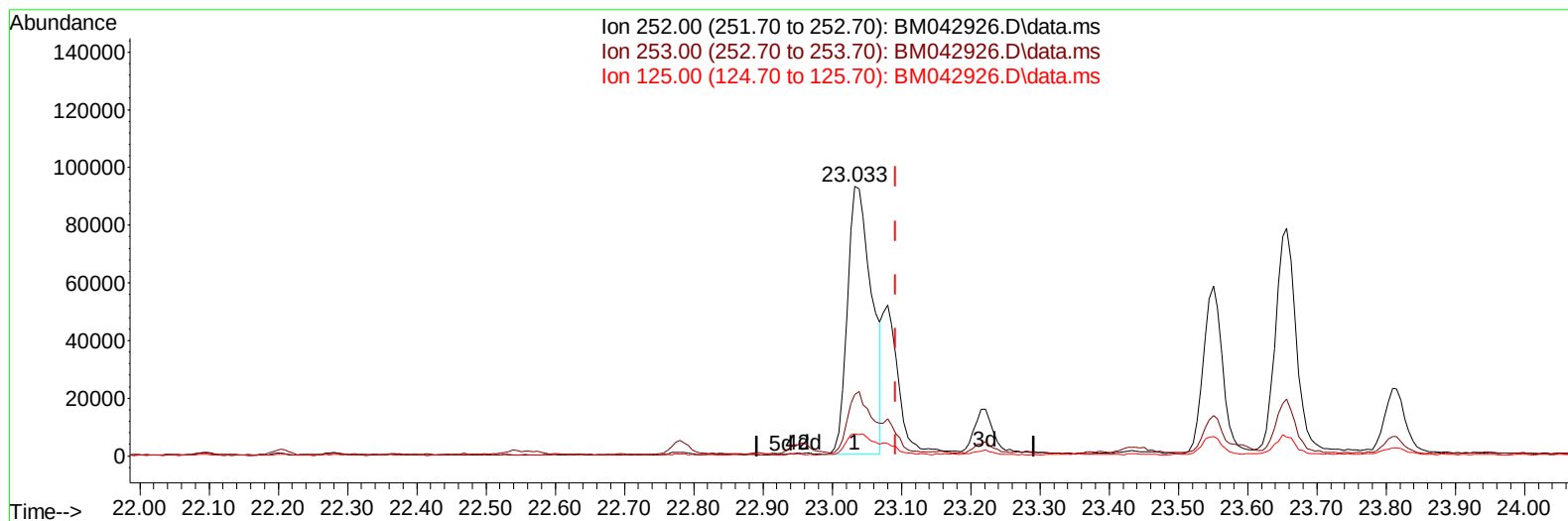
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 Operator : MA/JU
 Sample : 05174-19
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 COAN6

Manual IntegrationsAPPROVED

Quant Time: Nov 20 23:19:12 2023
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Reviewed By :Yogesh Patel 11/21/2023
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TIC: BM042926.D\data.ms

(91) Benzo(k)fluoranthene

23.033min (-0.059) 11.99 ng/u1

response 227265

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.90	22.82
125.00	6.90	8.13
0.00	0.00	0.00

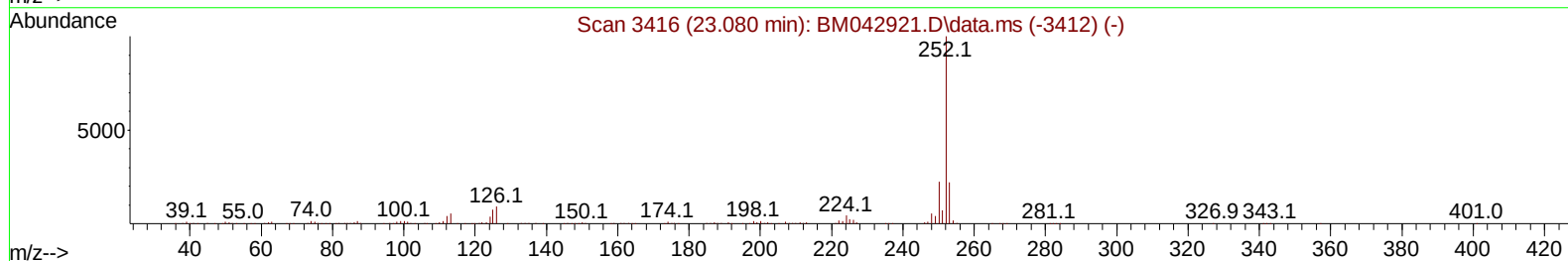
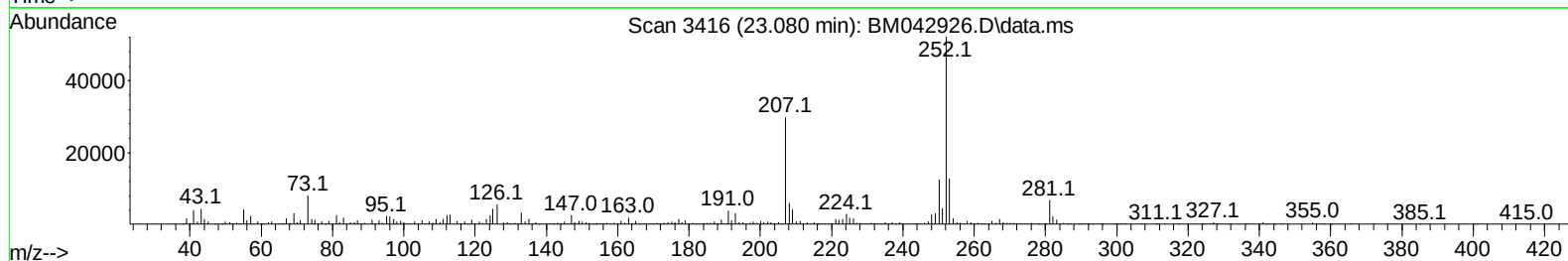
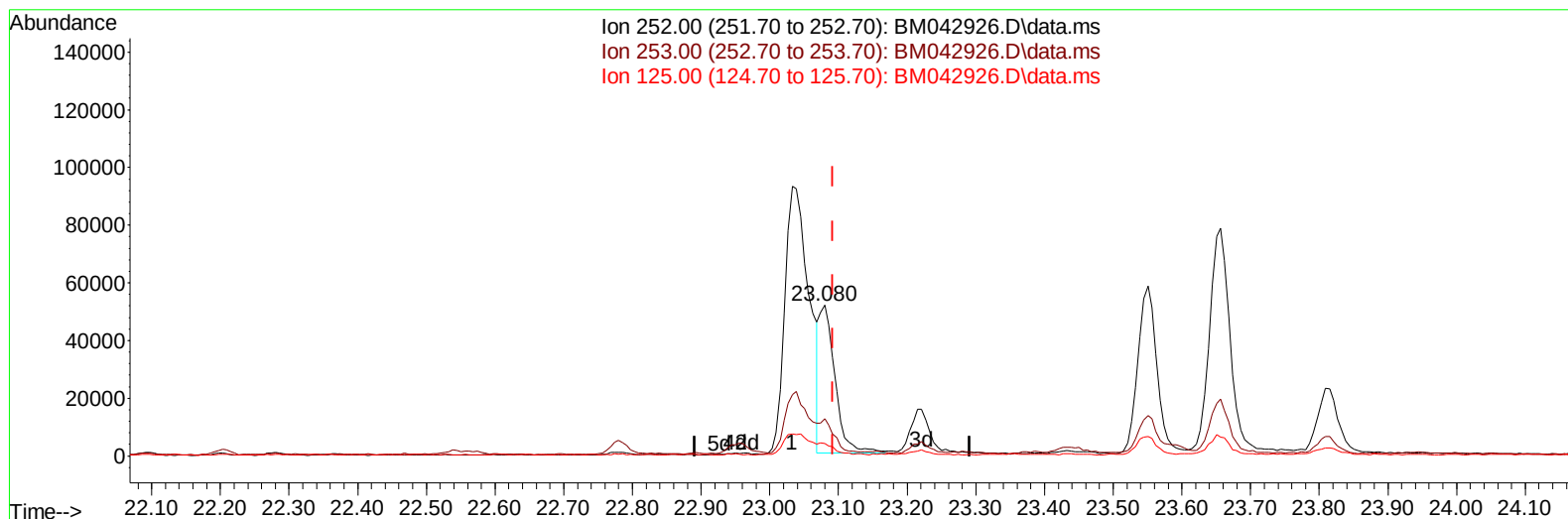
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 Operator : MA/JU
 Sample : 05174-19
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 COAN6

Manual IntegrationsAPPROVED

Quant Time: Nov 20 23:19:12 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
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 Supervised By :mohammad ahmed 11/21/2023



TIC: BM042926.D\data.ms

(91) Benzo(k)fluoranthene

23.080min (-0.012) 4.31 ng/ul m

response 81694

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.90	24.68
125.00	6.90	8.37#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112023\
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 Sample : 05174-19
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Instrument :
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 COAN6

Manual IntegrationsAPPROVED

Quant Time: Nov 20 23:19:45 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
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Compound	R.T.	Q	Ion	Response	Conc	Units	Dev(Min)

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.810	152		33700	20.000	ng/ul	0.00
20) Naphthalene-d8	10.616	136		128050	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.463	164		82292	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.221	188		189324	20.000	ng/ul	0.00
79) Chrysene-d12	21.403	240		214544	20.000	ng/ul	# 0.00
88) Perylene-d12	23.762	264		260851	20.000	ng/ul	0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.169	96		1880	1.750	ng/uL	0.00
4) Pyridine-d5	0.000	84		0d	0.000	ng/ul	
7) Phenol-d5	6.981	99		25963	7.916	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.157	67		19790	8.587	ng/ul	0.00
11) 2-Chlorophenol-d4	7.328	132		20454	8.082	ng/ul	0.00
15) 4-Methylphenol-d8	8.540	113		17887	6.926	ng/ul	0.00
21) Nitrobenzene-d5	9.010	128		8914	7.940	ng/ul	0.00
24) 2-Nitrophenol-d4	9.728	143		9190	6.997	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.263	165		19510	7.989	ng/ul	0.02
31) 4-Chloroaniline-d4	10.828	131		10927m	3.524	ng/ul	0.03
46) Dimethylphthalate-d6	13.886	166		75267	9.664	ng/ul	0.00
49) Acenaphthylene-d8	14.163	160		80460	9.655	ng/ul	0.00
54) 4-Nitrophenol-d4	14.757	143		4448m	5.055	ng/ul	0.04
60) Fluorene-d10	15.457	176		67992	10.542	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.616	200		5406	3.770	ng/ul	0.00
73) Anthracene-d10	17.316	188		110703	10.434	ng/ul	-0.01
81) Pyrene-d10	19.615	212		154438	10.993	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.603	264		171546	10.994	ng/ul	-0.01
Target Compounds							
						Qvalue	
16) Acetophenone	8.675	105		4828	1.112	ng/ul	93
52) Acenaphthene	14.527	153		8330	1.319	ng/ul	98
72) Phenanthrene	17.263	178		106752	9.026	ng/ul	98
74) Anthracene	17.357	178		24487	2.058	ng/ul	97
80) Fluoranthene	19.280	202		281019	17.543	ng/ul	99
82) Pyrene	19.645	202		234977	13.834	ng/ul	99
85) Benzo(a)anthracene	21.392	228		150622	8.943	ng/ul	98
87) Chrysene	21.439	228		152801m	9.355	ng/ul	
90) Benzo(b)fluoranthene	23.033	252		227265	12.766	ng/ul#	96
91) Benzo(k)fluoranthene	23.080	252		81694m	4.311	ng/ul	
93) Benzo(a)pyrene	23.656	252		157352	9.071	ng/ul	94
94) Indeno(1,2,3-cd)pyrene	26.209	276		127197	5.900	ng/ul	99
96) Benzo(g,h,i)perylene	26.974	276		122137	7.135	ng/ul	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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